

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re PATENT application of) Docket: 87-0475-USA-G
 Shunpei YAMAZAKI) (756-159)
 Serial No. 07/120,144)
 Filed: November 13, 1987) Group Art Unit: 118
 For: SUPERCONDUCTING CERAMICS) Examiner: M. Bell
) Date: February 14, 1990

Honorable Commissioner of Patents and Trademarks
 Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

- [] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a verified statement previously submitted.
- [] A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.
- [X] No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	
CLAIMS	HIGHEST NO.	PRESENT	
REMAINING	PREVIOUSLY	EXTRA	
AFTER	PAID FOR		Small/Large Entity
<u>AMENDMENT</u>			<u>Rate</u> <u>Fee</u>
Total _____ *	Minus _____ **		x 6/12 _____
Indep. _____ *	Minus _____ **		x18/36 _____
First Presentation of Multiple			
Dependent Claim			+ 60/120 _____
TOTAL			_____

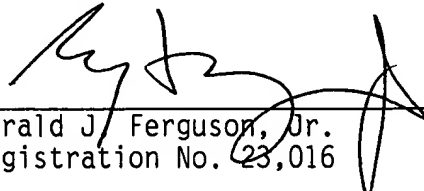
* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in col. 3.

** If the "Highest No. Previously Paid For" in this space is less than 20, write "20" in this space.

*** If the "Highest No. Previously Paid For" in this space is less than 3, write "3" in this space.

- [] A check in the amount of \$ _____ to cover the filing fee is enclosed.
- [X] The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 (except the Issue Fee) which may be required now or hereafter, or credit any overpayment, to Deposit Account No. 19-2380. A duplicate copy of this sheet is attached.

Respectfully submitted,



Gerald J. Ferguson, Jr.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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RESPONSE

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action of August 17, 1989, the following remarks are made.

With respect to the rejections of the claims under 35 U.S.C. 102 and/or 35 U.S.C. 103, submitted herewith are verified English translations of Japanese Priority Application Nos. 62-072481; 62-072483; and 62-072487 filed March 25, 1987. Since this date is earlier than the publication dates of the cited references, it is urged the above rejections have been overcome.

With respect to the rejection of claim 21 under 35 U.S.C. 112, second paragraph, it is urged the term "type" is used in the ceramic superconducting art in connection with the such structures as evidenced by the art of record such as the Saito et al. reference (page L366, second paragraph), the Kishio et al. reference (page L391, first paragraph). Note also the term "based" in the title of the Engler article. Hence, it is urged the use of such terms as "based" and "type" are definite to those engaged in this art and thus the term "type" as used in claim 21 is in accord with 35

U.S.C. 112, second paragraph.

Applicant is unaware of any preprints as requested in the Office Action. Submitted herewith are copies of relevant documents, these documents being listed on attached PTO Form 1449. It is requested these documents be made of record. The filing dates of the priority applications for the subject application is also prior to the publication dates of the foregoing documents.

In view of the foregoing amendments and remarks, it is urged this case is now in condition for allowance and a notice to that effect is requested.

Respectfully submitted,



Gerald J. Ferguson, Jr.
Registration No. 23,016

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